























NIST's Existing Transportable Arenas FORMING A CONTINUUM OF CHALLENGES

• Yellow Region

- Simple to traverse, no agility requirements
- Planar (2-D) maze
- Isolates sensors with obstacles/targets
- Reconfigurable in real time to test mapping

Orange Region

- More difficult to traverse, variable floorings
- Spatial (3-D) maze, stairs, ramp, holes
- Similarly reconfigurable

Red Region

- Difficult to traverse, unstructured environment
- Simulated rubble piles, shifting floors
- Problematic junk (rebar, plastic bags, pipes...)





